

PB-216 893

MUNICIPAL WATER FACILITIES INVENTORY AS
OF JANUARY 1, 1958. NEVADA. A COOPERA-
TIVE STATE-FEDERAL REPORT

Public Health Service
Washington, D. C.

1958

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NEVADA

MUNICIPAL WATER FACILITIES

Inventory as of January 1, 1958

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Public Health Service

NOTES REGARDING TABULATIONS

GENERAL

This volume is one of nine which, taken together, comprise an inventory of public water supply facilities in the United States as of January 1, 1958. The listing includes all facilities serving places having a 1950 population of 100 or more which have been reported by the respective State Departments of Health. In a few States, places smaller than this size have been reported, and in one or two others the minimum size has been somewhat greater. The listing is alphabetic by name of place within the State. At the end of each State listing there appear the names of all places having a 1950 population of 100 or more but which were not reported as having a community water supply. Persons desiring more detailed information about water supply facilities in the larger communities are referred to PHS Publication No. 661, Municipal Water Facilities Communities of 25,000 Population and Over--Continental United States and Territorial Possessions--As of January 1, 1958. The data on these larger communities in this volume are extracted from that publication.

The purpose of this inventory is to furnish up-to-date information on all water facilities for the use of industries and other private agencies and all levels of government. The Public Health Service will assist in making this material more useful through the publication of special papers based on statistical analysis of the data.

In the following discussion, each individual item listed is defined as an "entry." An "x" in the listing indicates that the data requested were unknown. A dash, "-", signifies the item does not apply. A triangle "Δ" shows information was not supplied.

Detailed Notes for Columns

Column 1 - Community or District

Entries marked with a star have facilities which serve one or more additional communities.

Column 2 - 1950 Population, Estimated Population Served

Top-line Entry - 1950 population (U. S. Bureau of the Census where available).

Bottom-line Entry - estimated total number of people served by the facility. Data in parentheses indicate population served by some other facility.

Column 3 - Year Operation Started

Top-line Entry - Present Supply . . . the year the present source of supply was put into service, or the latest year during which a new or additional source was developed.

Bottom-line Entry - Present Treatment Plant . . . the year the present treatment plant was put into operation, or the date of the latest major revision or addition.

Column 4 - Ownership

M - Public (Federal, State, county, municipal, district, etc.)

P - Private (private corporations, companies, etc.)

Column 5 - Number of Services, Number of Meters

Top-line Entry - Number of accounts served by the facility.

Bottom-line Entry - Number of meters used in the water system.

Column 6 - Laboratory Control

Refers to control by a plant laboratory, not to samples analyzed elsewhere.

C - Chemical (other than chlorine residual)

B - Bacteriological

N - None

Column 7 - Source of Supply

The source or sources from which water is obtained. Specific lakes or streams are named when possible.

Column 8 - Safe Yield, Impounded (Surface)
Maximum Dependable Draft, (Ground)

Top-line Entry - Safe Yield, Surface, the maximum safe daily yield which can be secured from the source of water supply based on the driest period of record.

Bottom-line Entry - Maximum Dependable Draft, Ground Water, the maximum dependable 24-hour draft of a well field or fields, or other ground source, which can be sustained for a period of high demand through five days. (Number of wells now in use may have no bearing on this figure.)

The designation "Unl." signifies a relatively large or unlimited supply.

Column 9 - Rated Plant Capacity and Average Plant Output

Top-line Entry - Rated Capacity, the maximum rated daily capacity on the basis of filters, pumps, or other limiting factor.

Bottom-line Entry - Average, the average daily output of the facility.

Column 10 - Treatment

Where the treatment is at all extensive, one or more symbols identifying the general type or function of the plant precede those used to identify the particular treatment plant or method. In general, a plant is not classified as a "purification plant" unless filters having fine granular material (sand or anthracite) are used.

Principal treatment features, identified by capitalized letters, are further described by lower case letters following them. In general, the symbols are arranged in the order in which treatment occurs. Combination units performing more than one function in a single structure are denoted by enclosing the appropriate symbols in parentheses. Enclosures in brackets indicate parallel or alternate operation.

Treatment methods are coded as follows:

Type of Plant

- P - Purification
- H - Softening
- I - Iron or Manganese removal

Treatment or Device

A - Aeration

- Ac ..contact beds or trays, coke or other material
- Am ..patented aerator
- As ..spray aerator
- At ..overflow trays cascade or other splash aerator
- Ao ..other type aerator

C - Chemical dosage for coagulation or softening

- Ca ..alum
- Ci ..iron salts
- Cl ..lime
- Cs ..soda ash
- Ct ..activated silica
- Co ..other coagulant

D - Disinfection

- Dc ..chlorine gas
- Dd ..dechlorination
- Dh ..hypochlorites
- Ds ..free residual chlorine
- Dx ..chlorine dioxide
- Dz ..ozone
- Do ..Other means

F - Filters

- Fa ..anthrafilt
- Fc ..roughing or contact
- Fd ..diatomaceous earth
- Fg ..gravity (slow)
- Fp ..pressure
- Fr ..gravity (rapid)
- Fs ..sand
- Fz ..zeolite

K - Chemical dosage for corrosion correction or water stabilization

- Kc ..phosphate compounds
- Kg ..chlorine gas
- Kh ..hypochlorite
- Ko ..sodium silicate
- Kp ..alkali feed for pH adjustment

M - Mixing device or tank

- Ma ..air agitation
- Mb ..baffle mix
- Mh ..hydraulic (standing wave flume)
- Mi ..injection or pump suction
- Mp ..slow mechanical mix
- Ms ..patented sludge blanket
- Mt ..rapid mechanical mix
- (MtpsSv) .."Liquon Reactor": "Accelator"; or "Precipitator"

Treatment or Device (continued)

- N - Ammoniation
 - Nc .. ammonium compound
 - Ng .. ammonia gas
- R - Recarbonation
- S - Sedimentation
 - Sb...basins, baffled (other than inlet or outlet)
 - Sc...covered basins (other than housed)
 - Sm ..mechanical sludge removal
 - So...open basin (may be in plant building)
 - Sv...upflow cylindrical tanks (MtpsSv) .. "Liquon Reactor"; "Accelerator"; or "Precipitator"
- T - Chemical taste and odor control
 - Tc ..activated carbon
 - Td ..chlorine dioxide
 - Ts ..sulfur dioxide
 - Tz ..ozone
 - To ..other
- V - Fluoride adjustment
 - Va ..hydrofluosilicic acid
 - Vs ..sodium silicofluoride
 - Vt...sodium fluoride
 - Ve ..ammonium silicofluoride
 - Vo ..other fluorides
 - V ...fluoride reduction
 - V_{1.2} - 1.2 ppm natural fluoride

Column 11 - Distribution Storage

Top-line Entry - Pumped to Mains..storage of finished water in the distribution system area that must be pumped into mains (clearwells, underground or low level storage, etc.)

Bottom-line Entry - Elevated..storage of finished water in the distribution system area that will flow into mains by gravity (elevated tanks, standpipes, high level reservoirs, etc.).

Water storage in impounding reservoirs or balancing reservoirs on long supply conduits not included.

Column 12 - Improvements Needed

Improvements currently needed to provide adequate service. The following codes are used:

- | | |
|--------------------------|------------------|
| N - None | G - Ground |
| U - Source, under-ground | storage |
| S - Source, surface | L - Elevated |
| M - Transmission | storage |
| P - Pumping | D - Distribution |
| T - Treatment | system |
| | O - Other |

NEVADA

INVENTORY OF MUNICIPAL WATER FACILITIES

						STATE		DATE		PAGE		
						NEVADA		Jan. 1, 1958		1 of 2		
COMMUNITY	1950 Population	Year Open Supply	Number of Services	LAB CONTROL	SOURCE OF SUPPLY	Sale Yield Impounded	Rated Plant Capacity	TREATMENT	Dist Storage	IMPROVEMENTS NEEDED	LINE NO.	
						Maximum Depend- able Draft (Gt. water) MGD	Average Plant Output (MGD)					
	Estimated Population Served	Present Treat- ment Plant	Number of Meters									
1	2	3	4	5	6	7	8	9	10	11	12	
AUSTIN	419	A	M	140	A	Canyons, tunnels, and springs	A	-	None	A	A	1
BABBIT	2,500	1929	P	750	N	3 creeks	4.860	3.000	De	2.500	N	2
BATTLE MOUNTAIN	741	A	M	225	A	Well	-	2.500	-	0.896	-	
BEATTY	1,100	-	-	225	-	-	0.700	-	None	A	U	3
BEATTY	487	A	P	175	A	Springs	-	-	None	A	A	4
BLUE DIAMOND	600	-	-	A	-	-	A	A	-	A	-	
BLUE DIAMOND	250	1950	P	150	N	2 wells	-	1.000	Dh	A	TDL	5
BOULDER CITY	300	1955	-	A	-	-	0.700	0.250	-	0.500	-	
BOULDER CITY	3,203	A	M	1,310	C	Lake Meade	A	5.760	PH-Cl ₂ HtpSsA T MtSm	A	A	6
CALIENTE	3,300	A	-	1,263	B	-	-	5.760	DeFra	4.000	-	
CALIENTE	970	A	M	426	A	3 wells	-	-	None	A	A	7
CARLIN	1,000	-	-	2	-	-	2.000	A	-	0.500	-	
CARLIN	1,203	A	M	400	A	Spring and well	-	A	De	A	A	8
CARSON CITY	1,200	-	-	1	-	-	1.940	A	-	A	-	
CARSON CITY	3,082	A	P	A	A	Creeks, canyons and springs	A	A	De	A	A	9
EAST ELY	5,000	A	-	1,348	-	-	A	1.400	-	-	-	
EAST ELY	960	A	M	-	-	Ely	-	-	None	-	-	10
ELKO	(A)	-	-	-	-	-	-	-	-	-	-	
ELKO	5,393	A	M	2,000	A	7 wells	-	A	None	A	A	11
* ELY	6,750	A	-	10	-	-	6.480	-	-	A	-	
* ELY	3,558	A	M	100	A	Springs and well	-	-	None (Chlorinate as needed)	1.000	A	12
EMPIRE	6,000	-	-	2,500	-	-	A	A	-	-	-	
EMPIRE	375	A	A	16	B	Well	-	A	Dh	A	N	13
EUREKA	612	A	-	A	-	-	A	0.288	-	0.650	-	
EUREKA	470	A	P	A	A	5 springs and wells	-	-	None	A	A	14
FALLON	600	-	-	A	-	-	A	A	(D as needed)	A	-	
FALLON	2,400	A	M	1,158	B	2 wells	-	-	None	A	A	15
FERNLEY	4,000	-	-	1,158	-	-	A	A	-	1.500	-	
FERNLEY	418	A	A	150	A	Well	-	-	None	A	A	16
GABBS	A	-	-	A	-	-	A	A	-	A	-	
GABBS	750	A	P	150	N	4 wells	-	4.000	AtDe	2.500	TL	17
GARDNERVILLE	450	1948	-	-	-	-	4.000	3.000	-	0.900	-	
GARDNERVILLE	573	A	M	250	A	2 wells	-	-	None	A	M	18
GERLACH	800	-	-	A	-	-	A	A	-	A	-	
GERLACH	275	1935	P	130	N	Springs	-	0.500	De	0.070	MPT	19
GOLDFIELD	A	1950	-	A	-	-	0.200	0.150	-	0.080	DL	20
GOLDFIELD	553	A	M	A	A	4 springs	-	-	None	A	A	
GOLD HILL	100	-	-	A	-	-	A	A	-	A	-	
GOLD HILL	100	A	A	-	-	Virginia City	-	-	Virginia City	-	-	21
HAWTHORNE	(A)	-	-	-	-	-	-	-	-	-	-	
HAWTHORNE	1,961	A	M	1,000	B	Surface & 2 wells	A	A	D	1.152	A	22
* HENDERSON	3,800	A	-	-	-	-	0.850	-	-	0.400	-	
* HENDERSON	3,643	A	M	3,000	A	Lake Mead	20.000	A	None	A	N	23
KIMBERLY	12,000	-	-	0	-	-	-	3.000	-	-	-	
KIMBERLY	120	A	P	150	A	Springs and mine	-	A	D	A	A	24
LAS VEGAS	636	A	-	2	-	-	0.700	-	-	A	-	
LAS VEGAS	24,624	1955	M	11,795	N	Lake Mead	13.750	13.75	De	3.700	N	25
Source # 1	A	1955	-	9,042	-	-	-	5.160	-	30.30	-	
LAS VEGAS	-	1955	M	-	A	13 wells and springs	-	-	None	-	-	
Source # 2	A	-	-	-	-	-	37.600	10.54	-	-	-	26
LOVELOCK	1,694	A	M	680	N	Creeks and 4 wells	A	-	None	A	M	27
LOVELOCK	1,600	-	-	1	-	-	A	-	-	A	-	
McGILL	2,297	A	P	A	A	Duck Creek	A	1.150	P-D CoFps	A	A	28
McGILL	3,020	1934	-	A	-	-	-	1.500	-	0.200	-	
MASON	150	1925	P	22	A	Well	-	-	None	-	-	
MASON	75	-	-	22	-	-	0.040	-	-	0.500	TDL	29
MINA	300	A	M	150	A	Springs and well	-	-	D	A	-	
MINA	500	A	-	A	-	-	-	-	-	A	-	30

INVENTORY OF MUNICIPAL WATER FACILITIES

STATE							DATE		PAGE			
NEVADA							Jan. 1, 1958		2 of 2			
COMMUNITY	1950 Population	Year Oper Started	Year Oper Supply	Number of Services	LAB CONTROL	SOURCE OF SUPPLY	Safe Yield Impounded	Rated Plant Capacity	TREATMENT	Dist. Storage	IMPROVEMENTS NEEDED	LINE NO.
	1	2	3	4	5	6	7	8	9	10	11	12
MINDEN	240	Δ	M	135	N	2 wells	-	-	None	Δ	Δ	1
	450	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
MONTELO	125	Δ	P	Δ	Δ	Springs	-	-	None	Δ	Δ	2
	350	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
NEW RUTH	750	Δ	P	188	Δ	Springs and mine	-	-	None	Δ	Δ	3
	752	-	-	1	-	-	Δ	Δ	-	Δ	-	
NIXON	100	Δ	M	Δ	Δ	Truckee River	Δ	Δ	Dh	Δ	UMP	4
	600	Δ	-	Δ	-	-	-	Δ	-	Δ	-	
NORTH LAS VEGAS	3,975	Δ	M	3,000	B	17 wells	-	-	None	Δ	Δ	5
	12,900	-	-	217	-	-	4.500	Δ	-	Δ	-	
OVERTON	533	Δ	M	150	C	Upper Mudley Springs	-	-	None	Δ	T	6
	600	-	-	150	-	-	0.330	Δ	-	Δ	-	
PANACA	500	Δ	M	Δ	Δ	Well	-	-	None	Δ	Δ	7
	350	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
PIOCHE	1,392	Δ	P	513	Δ	Springs, well & mine	-	-	None	Δ	Δ	8
	664	-	-	513	-	-	0.134	Δ	-	Δ	-	
RENO	32,497	Δ	Δ	-	-	Reno-Sparks	-	-	Reno-Sparks	-	-	9
(Δ)	-	-	-	-	-	-	-	-	-	-	-	
* RENO-SPARKS	47,667	1878	P	15,482	M	Truckee River, Hunter	55.700	49.00	P-DecCasMbSboNgDe	3.000	TDL	10
	55,000	1939	-	2	-	Creek and 2 wells	8.750	22.00	Ng V 0.10	76.00	-	
RUTH	1,744	Δ	P	80	Δ	Springs and mine	-	-	None	Δ	Δ	11
	300	-	-	2	-	-	Δ	Δ	-	Δ	-	
SILVER CITY	125	Δ	Δ	-	-	Virginia City	-	-	Virginia City	-	-	12
(Δ)	-	-	-	-	-	-	-	-	-	-	-	
SPARKS	8,203	Δ	Δ	-	-	Reno-Sparks	-	-	Reno-Sparks	-	-	13
(Δ)	-	-	-	-	-	-	-	-	-	-	-	
STEWART	500	Δ	P	Δ	Δ	Deep well	-	-	None	Δ	Δ	14
	800	-	-	Δ	-	-	0.20	Δ	-	0.050	-	
TONOPAH	1,375	Δ	M	Δ	Δ	12 wells	-	-	None	0.070	Δ	15
	1,500	-	-	546	-	-	0.240	Δ	-	0.800	-	
VICTORY VILLAGE- CARVER PARK	1,776	Δ	Δ	-	-	Henderson	-	-	None	-	-	16
(Δ)	-	-	-	-	-	-	-	-	-	-	-	
* VIRGINIA CITY	569	Δ	P	400	N	Hobart Creek and	1.500	Δ	De	Δ	Δ	17
	800	Δ	-	1	-	Marlette Lake	-	Δ	-	0.210	-	
WEED HEIGHTS	950	Δ	P	261	B	7 wells	-	-	None	Δ	Δ	18
	1,100	-	-	1	-	-	0.100	Δ	-	Δ	-	
WELLS	947	Δ	M	300	C	Wells	-	-	None	Δ	Δ	19
	1,000	-	-	Δ	-	-	2.50	Δ	-	1.000	-	
WINNEMUCCA	2,847	Δ	P	963	B	Creek, spring	Δ	Δ	De	Δ	Δ	20
	4,000	Δ	-	992	-	and 3 wells	2.000	Δ	-	1.000	-	
YERINGTON	1,157	Δ	M	700	N	8 wells	-	-	None	Δ	Δ	21
	1,100	-	-	700	-	-	0.600	Δ	-	Δ	-	
ZEPHYR COVE	100	Δ	P	163	C	Lake Tahoe and spring	Δ	Δ	D	Δ	Δ	22
	1,000	Δ	-	Δ	-	-	Δ	Δ	-	Δ	-	
												23
												24
												25
												26
												27
												28
												29
												30

PLACES WITH NO COMMUNITY WATER SUPPLY

NEVADA

LOCATION	1950 CFR POP
ALAMO NEV	125
BAKER NEV	120
BLACK SPRINGS NEV	200
BOLDER CITY-HOOVER DAM	225
BUNKERVILLE NEV	200
CRYSTAL BAY NEV	400
DAYTON NEV	200
GOLCONDA NEV	300
GOLD POINT NEV	150
GOODSPRINGS NEV	113
HAZEN NEV	100
IMLAY NEV	300
INDIAN SPRINGS NEV	100
JARBIDGE NEV	150
LAMOILLE NEV	230
LUND NEV	375
MCDERMITT NEV	250
MERCURY NEV	300
MESQUITE NEV	750
MOUNTAIN CITY NEV	125
OWYHEE NEV	100
PITTMAN NEV	250
SCHURZ NEV	100
SEARCHLIGHT NEV	180
STEAMBOAT NEV	100
TUNGSTEN NEV	200
VERDI NEV	350
WADSWORTH NEV	250